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| FORM PTO-1390<br>(REV. 10-2003)  |  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE            |  | ATTORNEY'S DOCKET NUMBER |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>  |  | AD6800 US PCT1   |  |                          |
|  |  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5<br><b>10/501309</b> |  |                          |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/US03/07026</b>   | INTERNATIONAL FILING DATE<br><b>07 MARCH 2003 ( 07.03.03 )</b> | PRIORITY DATE CLAIMED<br><b>07 MARCH 2002 ( 07.03.02 )</b>         |  |                          |
| <b>TITLE OF INVENTION</b><br><b>FLUORINE-CONTAINING ETHYLENE COPOLYMERS</b>  |  |  |  |                          |
| <b>APPLICANT(S) FOR DO/EO/US</b><br><b>CHOU, Richard T., Et Al.</b>  |  |  |  |                          |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |  |  |                          |
| <p>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<br/>       a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).<br/>       b. <input type="checkbox"/> has been communicated by the International Bureau.<br/>       c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<br/>       a. <input type="checkbox"/> is attached hereto.<br/>       b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<br/>       a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).<br/>       b. <input type="checkbox"/> have been communicated by the International Bureau.<br/>       c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.<br/>       d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> |  |  |  |                          |
| <b>Items 11 to 20 below concern document(s) or information included:</b>   |  |  |  |                          |
| <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information:<br/> <small>*Express Label EU916062299US *Response to Notification of Missing Requirements mailed September 1, 2004<br/>       *Copy of Transmittal and Declaration Previously sent on July 20, 2004</small> </p>   |  |  |  |                          |

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)  
10/501309

INTERNATIONAL APPLICATION NO.  
PCT/US03/07026

ATTORNEY'S DOCKET NUMBER  
AD6800 US PCT1

21. The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**

|  |           |
|--|-----------|
| <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... | \$1080.00 |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....   | \$920.00  |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....  | \$770.00  |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....   | \$730.00  |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....   | \$100.00  |

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

**CALCULATIONS PTO USE ONLY**

|   |         |
|---|---------|
| <input type="checkbox"/> Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | \$ 0.00 |
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| CLAIMS   | NUMBER FILED | NUMBER EXTRA | RATE       | \$      |
|--|--------------|--------------|------------|---------|
| Total claims   | - 20 =       |              | x \$18.00  | \$ 0.00 |
| Independent claims   | - 3 =        |              | x \$86.00  | \$ 0.00 |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM(S) (if applicable) |              |              | + \$290.00 | \$ 0.00 |

**TOTAL OF ABOVE CALCULATIONS =**

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| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | \$ 0.00 |
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**SUBTOTAL =**

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| <input type="checkbox"/> Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | \$ 0.00 |
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**TOTAL NATIONAL FEE =**

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| <input type="checkbox"/> Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | \$ 0.00 |
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**TOTAL FEES ENCLOSED =**

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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN THE APPLICATION OF:

CHOU, RICHARD T. ET AL

CASE NO.: AD6800 US PCT1

APPLICATION NO.: 10/501309

GROUP ART UNIT:

FILED: 13 JULY 2004

EXAMINER:

FOR: FLUORINE-CONTAINING ETHYLENE COPOLYMERS

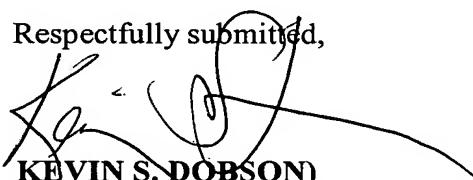
**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS  
UNDER 35 U.S.C. 371 IN THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attention: Mail Stop PCT

Sir:

In response to the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) mailed September 1, 2004 (a copy of which is attached), enclosed is a copy of the Declaration previously mailed for the above-referenced application on July 20, 2004

Respectfully submitted,  
  
KEVIN S. DOBSON  
AGENT FOR APPLICANTS  
Registration No.: 40,296  
Telephone: (302) 892-5526  
Facsimile: (302) 992-4773

Dated: September 16, 2004



UNITED STATES PATENT AND TRADEMARK OFFICE

*Gillen* ←

*2 months*

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

|                               |                       |                  |
|-------------------------------|-----------------------|------------------|
| U.S. APPLICATION NUMBER NO.   | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/501,309                    | Richard T Chou        | AD6800USPCT1     |
| <b>RECEIVED</b>               |                       |                  |
| SEP 07 2004                   |                       |                  |
| PATENT RECORDS                |                       |                  |
| CENTER                        |                       |                  |
| DOCKETED<br>OR                |                       |                  |
| SEP 08 2004                   |                       |                  |
| INTERNATIONAL APPLICATION NO. |                       |                  |
| PCT/US03/07026                |                       |                  |
| I.A. FILING DATE              |                       | PRIORITY DATE    |
| 03/07/2003                    |                       | 03/07/2002       |
| CONFIRMATION NO. 6111         |                       |                  |
| 371 FORMALITIES LETTER        |                       |                  |
|                               |                       |                  |
| *OC000000013690198*           |                       |                  |

Date Mailed: 09/01/2004

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/13/2004
- Copy of the International Search Report filed on 07/13/2004
- Copy of IPE Report filed on 07/13/2004
- Request for Immediate Examination filed on 07/13/2004
- U.S. Basic National Fees filed on 07/13/2004
- Power of Attorney filed on 07/13/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

→

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

WINSTON M ALVARADO

Telephone: (703) 305-6421

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/501,309                  | PCT/US03/07026                | AD6800USPCT1     |

FORM PCT/DO/EO/905 (371 Formalities Notice)

TRANSMITTAL LETTER TO THE  
UNITED STATES RECEIVING OFFICE

|                               |                |
|-------------------------------|----------------|
| Date                          | 19 JULY 2004   |
| International Application No. | PCT/US03/07026 |
| Attorney Docket No.           | AD6800 PCT1    |

I. Certification under 37 CFR 1.10 (if applicable)

|                             |
|-----------------------------|
| EU916060580 US              |
| Express Mail mailing number |

|                 |
|-----------------|
| July 20, 2004   |
| Date of Deposit |

I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

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| Signature of person mailing correspondence  |

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|---|
| ELLEN LEONZIO   |
| Type or printed name of person mailing correspondence |

II.  New International Application

|       |  |
|-------|--|
| TITLE |  |
|-------|--|

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| Earliest priority date<br>(Day/Month/Year) |
|--|

SCREENING DISCLOSURE INFORMATION: In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply):

- A.  The invention was made in the United States.
- B.  There is no prior U.S. application relating to this invention.
- C.  The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority).

|                 |          |
|-----------------|----------|
| Application no. | Filed on |
| Application no. | Filed on |

- D.  The present international application  is identical  contains less subject matter than that found in the prior U.S. application(s) identified in paragraph C.
- E.  The present international application  contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C. above. The application subject matter is found on pages \_\_\_\_\_ and  DOES NOT ALTER  MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.1. See 37 CFR 5.15

III.  A Response to an Invitation from the RO/US. The following documents(s) is (are) enclosed.

- A.  A Request for An Extension of Time to File a Response (Attached)

- B.  A Power of Attorney (General or Regular)

- C.  Replacement pages:

|       |                    |       |                 |
|-------|--------------------|-------|-----------------|
| pages | of the description | pages | of the abstract |
|-------|--------------------|-------|-----------------|

- D.  Submission of Priority Documents

|                   |                   |
|-------------------|-------------------|
| Priority document | Priority document |
|-------------------|-------------------|

- E.  Fees as specified on attached Fee Calculation sheet form PCT/RO101 annex

IV.  A Request for Rectification under PCT 91       A Petition       A Sequence Listing Diskette

V.  Other (please specify): Declaration and Power of Attorney.

|                                     |                                 |                      |
|-------------------------------------|---------------------------------|----------------------|
| <input type="checkbox"/>            | Applicant                       | KEVIN S. DOBSON      |
| <input checked="" type="checkbox"/> | Attorney/Agent (Reg. No 40,296) | Typed name of signer |
| <input type="checkbox"/>            | Common Representative           | Signature            |

The person  
signing this  
form is the:

12-03-04

EXPRESS LABEL: EU916002299US

Per your request.

Regards

K. S. Dobson

CASE NO.: AD6800 USPCTI / 10/30/309  
13.JL.2004

TRANSMITTAL LETTER TO USPTO - DECLARATION.

*Messing Requirements*

ATTORNEY:

KSDobson

DT03 Rec'd PCT/PTO 21 SEP 2004